(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 9 June 2005 (09.06.2005)

PCT

(10) International Publication Number WO 2005/052044 A1

- (51) International Patent Classification7: C08J 9/12, 9/14
- (21) International Application Number:

PCT/EP2004/053108

(22) International Filing Date:

25 November 2004 (25.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03104382.1

26 November 2003 (26.11.2003) El

- (71) Applicant (for all designated States except US): SOLVAY (Société Anonyme) [BE/BE]; Rue du Prince Albert, 33, B-1050 Brussels (BE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ZIPFEL, Lothar [DE/DE]; Ilseder Ring 11, 30880 Laatzen (DE).
- (74) Agents: JACQUES, Philippe et al.; Solvay (Société Anonyme), Intellectual Property Department, Rue de Ransbeek, 310, B-1120 Bruxelles (BE).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BLOWING AGENT MIXTURES

(57) Abstract: The invention concerns blowing agents mixtures containing at least a partially fluorinated hydrocarbon and the usual auxiliaries and additives, in which the inert gas content, measured in the vapour phase of the blowing agent or blowing agent mixture, should not exceed 1.5 % by volume. The blowing agent mixture can be used to manufacture foam products from thermoplastics, especially foamed polystyrene.